

Date: Thu, 18 Aug 94 04:30:22 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #276
To: Ham-Digital

Ham-Digital Digest Thu, 18 Aug 94 Volume 94 : Issue 276

Today's Topics:

 9600 Baud Mods for Radios ?
 [Q] ftp site for xpkam ?
 JUST FOUND!! Graphical Packet for OS/2
 RTTY without modem
 TNC construction article

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Aug 94 19:09:00 GMT
From: murky.apple.com!trib.apple.com!agate!howland.reston.ans.net!darwin.sura.net!
wa4mei!totribbs!steve.diggs@decwrl.dec.com
Subject: 9600 Baud Mods for Radios ?
To: ham-digital@ucsd.edu

-> I'm looking for a mods database for various radios to allow them to
-> send/receive 9600 baud packet. Are there any electronic archives
-> that my have these mods available? How about some proceedings of
-> some of the various conferences?

Hi Terry,

I'm actively involved in modifying 70cm rigs for 9600 packet; I think we
can help one another. The TS711, one of the rigs you mentioned, is 1st
cousin to my TS811 and it sure can be modified for 9600. Try ftp to
oak.oakland.edu and look for the file 711 under the
pub/hamradio/mods/kenwood dir.

If you can't find it, you can download 9600mod.zip from my phone BBS at (404) 921-8687. I am collecting mod files of all types, especially 9600 mods.

We are starting up our first 9600 digi right now in Atlanta, and are having a lot of fun <?> with it.

More on the mods: I understand there are MOD file servers across the US, and Sou. CA is a hotbed for 9600 packet.

Let me know more about your situation.

Regards,
Steve Diggs, KB4ZTN
President, East Atlanta LAN

Top Of The Rock BBS - Lilburn, GA SYSOP: Steve Diggs
UUCP: tottrbbs.atl.ga.us Snailmail: 4181 Wash Lee Ct.
Phone: +1 404 921 8687 Lilburn, GA 30247-7407

Date: 16 Aug 1994 20:22:19 GMT
From: nwnexus!news.sprintlink.net!indirect.com!usenet@uunet.uu.net
Subject: [Q] ftp site for xpkam ?
To: ham-digital@ucsd.edu

In article <1994Aug15.150303.24458@midway.uchicago.edu>,
khopper@kimbark.uchicago.edu (Kenneth C Hopper) says:

>

>Anyone have an ftp site for the latest version of xpkam ?

XPCom (AEA PK232 MFJ-1278) XPCom152.ZIP
XPKAM (Kantronics Kam/Kam+) XPKAM152.ZIP
XPdual (PK900 / DSP2232) XPDU151.ZIP

These files are available via FTP at

ftp.indirect.com

in directory

pub/software/msdos/hamradio/xpware

Gary L. Johnson KF7XP * 702 S. Ashbrook
gjohnson@indirect.com * Mesa, Arizona 85205
CIS : 74041,2317 * (602) 833-6997 Voice
XPCOM / XPDUAL / XPKAM * (602) 898-1058 BBS 2400->14400

Date: 17 Aug 1994 23:06:42 GMT
From: news.cerf.net!mvb.saic.com!news.alpha.net!pacifier!rainrgnews0!psgrain!
charnel.ecst.csuchico.edu!yeshua.marcam.com!news.kei.com!eff!usenet.ins.cwru.edu!
cleveland.Freenet.Edu@ihnp4.ucsd.edu
Subject: JUST FOUND!! Graphical Packet for OS/2
To: ham-digital@ucsd.edu

I just found this program on a local BBS, it's says it's the Graphical
Packet program for OS/2. Since I only have a baycom modem I couldn't
test it out, but it's 100% GUI, and not just a DOS port over.

One of the things I did notice was that it's ALL in German.(Bummer)

The file I found was called : GP2_101.??? ??? = ZIP or LZH

You maybe able to find it on a FTP site via Archie.. Sorry I don't have
FTP access so I can't upload to any site.

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| David AMPRnet - ve3tos@ve3tos.ampr.org www |
| Don Mills, Ontario Internet - da884@cleveland.freenet.edu (o o) |
|_Canada___VE3TOS_____Packet - ve3tos@va3bbs.#scon.on.can.noam_o00__(_)__00o|

Date: Wed, 17 Aug 94 22:43:43 GMT
From: ihnp4.ucsd.edu!news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!
travelers.mail.cornell.edu!news.kei.com!ddsw1!panix!198!mgalatz@network.ucsd.edu
Subject: RTTY without modem
To: ham-digital@ucsd.edu

I have recently seen at the ftp site oak.oakland.edu an application for the
mac that reads weather faxes just by inputting the audio from the radio into
the sound input port on the Mac.

Is there an application that would do the same for rtty, packet, etc,
without the need for a TNC modem?

mgalatz@panix.com

Date: Tue, 16 Aug 1994 19:35:07 GMT
From: ihnp4.ucsd.edu!news.cerf.net!mvp.saic.com!eskimo!rdonnell@network.ucsd.edu
Subject: TNC construction article
To: ham-digital@ucsd.edu

BSoranno@vax2.winona.msus.edu wrote:
: Does anybody know of a construction article for a "general purpose" TNC?

: These are my requirements:
: 1) Standard serial connection. (I have 4 different computers and would like
: to be able to connect to all).

: 2) An internal processor of some type to minimize the overhead on the
: computer.

: If these are too strict, please let me know.
: Thanks.

: Bill Soranno -- KB0NKX
: 7 Fairfax
: Winona, MN 55987
: 507/452-3789

No - most of the construction articles would be for RTTY terminal units, and pretty old now. Other than some of the now outdated packet-only controllers offered in the mid 80's, there have not been any construction articles I know of for an intelligent data interface. The closest you would have been likely to come was Heathkit's HK-232 clone of the AEA's PK-232, offered as a kit. Heath has been out of the kit business for about 3 years now, so unless you find someone who got a kit and never started it, you're pretty much out of luck. Part of the problem is that the companies that make the multi-mode TNCs have invested lots of money in the programming of their products to support the various modes, and are not interested in giving away their efforts. Also, since these are tightly integrated hardware and software products, the software wouldn't really work on anything else.

I have seen programs mentioned for non-intelligent interfaces using a PC for the processing, as I'm sure you have, and that, combined with an older dumb modem or terminal unit design is going to be your best chance to get something going that you build. Even with the inexperience of used PC systems to dedicate, it's usually not cost effective as compared to one of the

commercially manufactured products.

Good luck in your search.

73, Bob

--

Bob Donnell, kd7nm bob@ethanac.kd7nm.ampr.org rdonnell@eskimo.com
Western Washington Amateur IP Address Coordinator (206) 775-3651

Date: Wed, 17 Aug 1994 14:50:53 GMT
From: agate!darkstar.UCSC.EDU!news.hal.COM!olivea!charnel.ecst.csuchico.edu!
yeshua.marcam.com!news.kei.com!uhog.mit.edu!news.mtholyoke.edu!news.umass.edu!
news2.near.net!usenet.@ihnp4.ucsd.edu
To: ham-digital@ucsd.edu

References <1994Aug9.135536.9869@ke4zv.atl.ga.us>,
<1994Aug15.170956.24013@arrl.org>, <1994Aug16.130158.17437@ke4zv.atl.ga.us>u
Subject : Re: local organizations that help people get acquainted with packet
radio

Gary Coffman KE4ZV (gary@ke4zv.atl.ga.us) wrote:

: Fine, but could you guarantee a 60 db fade margin 7x24 52 weeks a year,
: and no heavy multipath? That's what you need for a reliable data link
: at a resonable speed (1 Mb+).

The absence of multi-path is a distinct advantage to using microwaves
and a big dish over long or bad paths with lots of reflectors. You
might use a much bigger dish than necessary according to path loss
equations to remove multipath.

My post was merely to indicate that you shouldn't rule out microwaves,
even when 2 meters appears marginal. Some people actually think that
if 2 meters isn't good, you shouldn't bother trying to do it on
microwaves. Actually, they are right if you are talking about
2 meter EME setups, but how many people are using 1500 watt amps and
arrays of yagis to get data through?

I'd like to remind Gary that plenty of people think that HF data links
are worth pursuing, even over paths not much better than I described.
Certainly no where near the quality mentioned, even at 1200 bps :-).

As I see it, why not be open to the possibility of a 56 kb microwave

link being just as good as a 56 kb VHF link? Sure, the hardware isn't quite here yet, but it isn't too difficult to see from the trade journals that it can't be all that far away. For amateurs volunteering to put data links on their property, microwave links make much more sense than VHF links. A lot of potential volunteers don't want to see their VHF spectrum degraded with a transmitter on 24 hours a day. There are fewer people interested in microwave DX, and many of those that do prefer to operate from mountaintops, away from their homes.

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Zack Lau KH6CP/1 2 way QRP WAS
 8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: 18 Aug 1994 02:20:59 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
vixen.cso.uiuc.edu!prairienet.org!k9cw@network.ucsd.edu
To: ham-digital@ucsd.edu

References <119955@cup.portal.com>, <32b56i\$ot5@Tut.MsState.Edu>,
<32d90d\$2gg@vixen.cso.uiuc.edu>.a
Reply-To : k9cw@prairienet.org (Andrew B. White)
Subject : Re: Looking for DXCluster software

In a previous article, AllanWS@cup.portal.com (Allan BA Schlaugat) says:

>copy. I know of two personally who have copies lying around who might
>sell off for half of what a new copy costs (after the fact for me
>unfortunately) and Harvard Radio will change the call sign for a
>fee (who knows what that might be!).
>

When some hams in Indiana wanted to change the callsign, the fee was \$100.
They decided to leave it as it was.

While buying an unused PC copy is a way to get the software, be sure you are
buying a version 5 release! The earlier ones aren't compatible.

Is \$400 really excessive? If you own a modern transceiver, you paid much
more than that for it (new). Add an antenna, amp, keyer, computer, etc,
there is quite a bit tied up in this hobby. If there is interest in DX
operation in your area, you should be able to find local support for the
cluster. Here in Central IL, we have fewer than two dozen hams who play the
DX game, but all are willing to support the Cluster. I suggest that you
ask around - you might be surprised to find that there are, indeed, people

willing to pay money for access to timely DX spots!

73, Drew

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	Andrew B. White K9CW	internet: k9cw@prairienet.org	
	ABW Associates, Ltd.	phone/fax: 217-643-7327	
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End of Ham-Digital Digest V94 #276
